

3M™ Reflective Clothing



Let Safety Stand Out

Know your risks. Put safety on your list. Visibility is critical for those who work and play in proximity to vehicular traffic/equipment or in low light conditions. Construction workers, emergency response personnel, traffic and transportation employees – even joggers – need to dress for conspicuity enhancement with high visibility clothing.



Independent testing shows that 1 in 3 garments without 3M™ Scotchlite™ Reflective Material purchased in the open market are not compliant to the ANSI 107/EN 471 standard for reflective brightness.* The best way to ensure you are wearing compliant gear is to look for the Scotchlite reflective material brand. Don't go for the cheap alternative, many garments don't make it for the long haul!



* Based on a study by 3M of 79 garments purchased on the open market (all using components other than Scotchlite Reflective Material), 33% failed the ANSI 107 test for initial brightness. These data were verified by third party testing.

3M™ Reflective Clothing

3M™ Scotchlite™ Reflective Material



3M™ reflective clothing is available in three garment classes to help keep the wearer protected and visible in any situation.

Class 3 (Highest)

Background Material = 1240 sq. inch (.80 m²)

Retroreflective Material = 310 sq. inch (.20 m²)

Class 2 (Most Common)

Background Material = 775 sq. inch (.50 m²)

Retroreflective Material = 201 sq. inch (.13 m²)

Class 1 (Basic)

Background Material = 217 sq. inch (.14 m²)

Retroreflective Material = 155 sq. inch (.10 m²)

Scotchlite reflective material is designed for use on safety garments and in athletic and casual wear. When used properly, Scotchlite reflective material helps enhance the visibility of the wearer in nighttime or low-light conditions when illuminated by a light source, such as headlights, by returning the light back toward the original source and reaching the automobile driver's eye. Fluorescent color fabrics are also available to enhance daytime and low-light visibility. Scotchlite reflective material is composed of wide angle, exposed retro-reflective lenses bonded to a durable cloth backing and are available in home wash and industrial wash constructions.

Standard ANSI/ISEA 107-2010 defines performance criteria for high visibility apparel. The standard establishes three garment classes based on performance requirements and on the wearer's activities: 360 degree visibility, color/luminance, and total area of background and retro-reflective materials used. ANSI/ISEA 107-2010 class 2 or 3 is required for wearer's with exposure to traffic on public roadways.

Garment selection should be based on risk assessment, which includes complexity of the work environment, separation of the worker from moving equipment and vehicles, and additional work variables such as weather. The table on the left details minimum size requirements for apparel background material along with contrasting retro-reflective material bands.

ANSI Class 3 Safety Vest with Sleeves

94900-80030 – Yellow

- Meets ANSI/ISEA 107-2010 Class 3 and Federal Highway Mandate-2009 Manual of Uniform and Traffic Control Devices to help meet the retro-reflective performance needed for most worksites
- Provides the highest level of visibility during extreme weather conditions and around traffic going more than 50mph
- Designed for high risk: traffic teams working on freeways & highways, construction, utility, emergency personnel and during intense weather conditions such as hurricanes and blizzards
- Available in fluorescent yellow with 2" 3M™ Scotchlite™ Reflective Material
- Knit polyester shirt that provides 360 degree reflective material

ANSI Class 2, Two-Tone Safety Vests

94620-80030 – Yellow

94621-80030 – Orange

- Meets ANSI/ISEA 107-2010 Class 2 and Federal Highway Mandate-2009 Manual of Uniform and Traffic Control Devices to help meet the retro-reflective performance needed for most worksites
- Required for workers on sites around traffic going 25mph or higher and workers around heavy equipment
- Designed for moderate risk: construction, utility, school crossing, parking lots, traffic direction
- Available in fluorescent yellow and orange with contrasting fluorescent orange and yellow trim and 2" 3M™ Scotchlite™ Reflective Material
- Made of lightweight, breathable mesh for air circulation and faster drying times
- Provides 360 degree reflective material
- One size fits most

ANSI Class 2, Adjustable Tear Away Safety Vests

94625-80030T – Orange

94617-80030T – Yellow

- Meets ANSI/ISEA 107-2010 Class 2 and Federal Highway Mandate-2009 Manual of Uniform and Traffic Control Devices to help meet the retro-reflective performance needed for most worksites
- Required for workers on sites around traffic going 25mph or higher and workers around heavy equipment
- Designed for moderate risk: construction, utility, school crossing, parking lots, traffic direction
- Available in fluorescent yellow and fluorescent orange with 2" 3M™ Scotchlite™ Reflective Material
- Made of lightweight, breathable mesh for increased air circulation and faster drying times
- Five-point tear away system for increased safety
- Adjustable with hook and loop closures to fit most wearers
- Two large interior pockets
- Provides 360 degree reflective material



ANSI Class 2 Safety Vest

94618-80030T – Yellow

- Meets ANSI/ISEA 107-2010 Class 2 and Federal Highway Mandate-2009 Manual of Uniform and Traffic Control Devices to help meet the retro-reflective performance needed for most worksites
- Required for workers on sites around traffic going 25mph or higher and workers around heavy equipment
- Designed for moderate risk: construction, utility, school crossing, parking lots, traffic direction
- Available in fluorescent yellow with 2" 3M™ Scotchlite™ Reflective Material
- Knit polyester vest that provides 360 degree reflective material
- Front radio pocket with flap and shoulder mic tab
- Three additional pockets including two larger interior and one pencil pocket
- One size fits most



Class 1 Safety Vest

94601-80030T – Yellow

- Use for recreational purposes only
- Fluorescent yellow with 1" 3M™ Scotchlite™ Reflective Material – 8906 Silver Fabric Trim
- Lightweight design made with breathable mesh
- Adjustable side straps
- Cell phone pocket
- One size fits most



ANSI Hard Hat Sun Shade

94800-80030 – Yellow

- Provides sun protection for neck and ears
- Available in fluorescent yellow with orange trim and ½" 3M™ Scotchlite™ Reflective Material
- Made of lightweight, breathable mesh for increased air circulation and faster drying times
- Includes 3 clips to secure sun shade to hard hat
- Meets the requirements of ANSI/ISEA 107-210 Certified Headwear

3M™ Reflective Clothing

Product ordering information



ANSI Class 3 Safety Vest with Sleeves 94900 – Yellow										
Product No.	Description	Price Unit	Packaging price units per case	Stock Number	Item UPC Number	Case UPC Number	Case Wgt. (Lbs.)	Case Cu Ft.	Case Dimensions (L x W x H)	Pallet Pattern
94900-80030	Class 3 Short Sleeve Safety Vest, Yellow	Each	5	70-0069-3242-3	000-51141-40186-7	500-51141-40186-2	0.786	0.298	11.315 x 5.875 x 7.75	48 x 42



ANSI Class 2, Two-Tone Safety Vests 94620 – Yellow										
Product No.	Description	Price Unit	Packaging price units per case	Stock Number	Item UPC Number	Case UPC Number	Case Wgt. (Lbs.)	Case Cu Ft.	Case Dimensions (L x W x H)	Pallet Pattern
94620-80030	Two-Tone Construction Safety Vest, Yellow	Each	5	70-0069-0787-0	000-51141-37664-6	500-51141-37664-1	3.64	0.288	11.313 x 5.875 x 7.5	48 x 42



ANSI Class 2, Two-Tone Safety Vests 94621 – Orange										
Product No.	Description	Price Unit	Packaging price units per case	Stock Number	Item UPC Number	Case UPC Number	Case Wgt. (Lbs.)	Case Cu Ft.	Case Dimensions (L x W x H)	Pallet Pattern
94621-80030	Two-Tone Construction Safety Vest, Orange	Each	5	70-0069-0788-8	000-51141-96466-9	500-51141-96466-4	3.64	0.288	11.313 x 5.875 x 7.5	48 x 42



ANSI Class 2, Adjustable Tear Away Safety Vest 94625 – Orange										
Product No.	Description	Price Unit	Packaging price units per case	Stock Number	Item UPC Number	Case UPC Number	Case Wgt. (Lbs.)	Case Cu Ft.	Case Dimensions (L x W x H)	Pallet Pattern
94625-80030T	Hi-Viz Construction Vest, Orange	Each	5	70-0069-0777-1	000-78371-94625-8	000-51141-96453-9	3.188	0.298	11.313 x 5.875 x 7.75	48 x 42



ANSI Class 2, Adjustable Tear Away Safety Vest 94617 – Yellow										
Product No.	Description	Price Unit	Packaging price units per case	Stock Number	Item UPC Number	Case UPC Number	Case Wgt. (Lbs.)	Case Cu Ft.	Case Dimensions (L x W x H)	Pallet Pattern
94617-80030T	Hi-Viz Construction Vest, Yellow	Case	5	70-0069-0756-5	000-78371-94617-3	000-51141-96439-3	3.188	0.298	11.315 x 5.875 x 7.75	48 x 42



ANSI Class 2 Safety Vest 94618 – Yellow										
Product No.	Description	Price Unit	Packaging price units per case	Stock Number	Item UPC Number	Case UPC Number	Case Wgt. (Lbs.)	Case Cu Ft.	Case Dimensions (L x W x H)	Pallet Pattern
94618-80030T	Surveyors Safety Vest, Yellow	Case	5	70-0069-0762-3	000-78371-94618-0	000-51141-37616-5	2.551	.0298	11.315 x 5.875 x 7.75	48 x 42

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Product ordering information



Class 1 Safety Vest 94601 – Yellow										
Product No.	Description	Price Unit	Packaging price units per case	Stock Number	Item UPC Number	Case UPC Number	Case Wgt. (Lbs.)	Case Cu Ft.	Case Dimensions (L x W x H)	Pallet Pattern
94601-80030T	Day/Nighttime Safety Vest, Yellow	Case	8	70-0069-0755-7	000-78371-94601-2	000-51141-96437-9	2.287	0.298	11.315 x 5.875 x 7.75	48 x 42



ANSI Hard Hat Sun Shade 94800-80030 – Yellow										
Product No.	Description	Price Unit	Packaging price units per case	Stock Number	Item UPC Number	Case UPC Number	Case Wgt. (Lbs.)	Case Cu Ft.	Case Dimensions (L x W x H)	Pallet Pattern
94800-80030	Hard Hat Sun Shade, Yellow	Each	8	70-0069-3243-1	000-51141-40189-8	500-51141-40189-3	1.556	.0298	11.315 x 5.878 x 7.75	48 x 42



Construction and Home Improvement Markets Division

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 70-0717-0329-5